

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001732

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. <sup>7</sup> : A61M 16/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI IPC A61M, A62B, A61H, B01D and Keywords (breathing, mask, connection, exhalation, filter, virus, vent, release) and like terms PUBMED and Keywords (breathing, mask, infection, control) and like terms		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	EP 1402915 A1 (VIASYS HEALTHCARE GMBH) 31 March 2004 Whole document	1, 2, 10, 13, 14
X	US 6659102 B1 (SICO) 9 December 2003 Whole document	1, 10-12
X	US 4653493 A (HOPPOUGH) 31 March 1987 Whole document	1, 5, 6, 10-13
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 8 March 2005		Date of mailing of the international search report 14 MAR 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  SUE THOMAS Telephone No : (02) 6283 2454

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4360018 A (CHOKSI) 28 November 1982 Whole document	1-6, 10-13
X	LEUTEN, D.T.M. et al "Bacterial contamination and the effect of filters in anaesthetic circuits in a simulated patient model" Journal of Hospital Infection (1992), May, 21(1), p51-60 Whole document	1-6, 10-13
X	BERRY, A.J. et al "An Alternative Strategy for Infection Control of Anesthesia Breathing Circuits: A Laboratory Assessment of the Pall HME Filter" Anesthesia and Analgesia (1991), May, 72(5), p651-655 Whole document	1-6, 10-13
A	US 5213096 A (KIHLEBERG et al) 25 May 1993 Whole document	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001732

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
EP	1402915	US	2004060560	US	2004084048		
US	6659102	WO	2004009153				
US	4653493						
US	4360018						
US	5213096	EP	0462412	EP	0604399	JP	6086816
		SE	9002162	SE	9003505		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							